

WHAT IS CLAIMED IS:

1. An airflow guiding structure for a heat dissipation fan, comprising:
 - a housing provided with an air inlet and an air outlet;
 - a base mounted in the air outlet for supporting a fan wheel which forms
 - 5 with a plurality of blades;
 - at least one auxiliary air outlet formed on the housing proximate the air
 - outlet; and
 - a plurality of guiding members arranged in the air outlet and inclined to
 - an axis of the housing, the auxiliary air outlet being adjacent to the guiding
 - 10 members;
 - wherein when the fan wheel rotates, the guiding members deflect
 - airflow to constitute at least two airflow directions at the air outlet and the
 - auxiliary air outlet.
2. The airflow guiding structure for the heat dissipation fan as defined
- 15 in Claim 1, wherein the auxiliary air outlet connects to the air outlet for
- exhausting airflow.
3. The airflow guiding structure for the heat dissipation fan as defined
- in Claim 1, wherein the guiding members commonly constitute a grille
- structure and each of the guiding members has a lateral transverse extension
- 20 selected from a group consisted of a straight line, a V-shaped line, and a

curved line.

4. The airflow guiding structure for the heat dissipation fan as defined in Claim 1, wherein each of the guiding members has a first camber edge proximate an air inlet, and a second camber edge proximate an air outlet.

5 5. The airflow guiding structure for the heat dissipation fan as defined in Claim 1, wherein each of the guiding members formed with a triangular cross-section.

6. The airflow guiding structure for the heat dissipation fan as defined in Claim 1, further comprising a supporting rib having a vertical width and
10 orientation along an axis of the air outlet.

7. The airflow guiding structure for the heat dissipation fan as defined in Claim 1, wherein the two adjacent guiding members connected each other to constitute an inverted V section.

8. The airflow guiding structure for the heat dissipation fan as defined
15 in Claim 7, wherein the base is supported by the guiding members in the air outlet.

9. The airflow guiding structure for the heat dissipation fan as defined in Claim 1, wherein the guiding members have regular or irregular inclination.